

IN THE SPECIFICATION:

At Page 1, please add the following heading before heading “BACKGROUND OF THE INVENTION”:

CROSS REFERENCE TO RELATED APPLICATIONS

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This application claims the benefit of Japanese Application No. 2002-246401 filed August 27, 2002.

At page 7, line 30 to page 8, line 2:

A portion ~~consisting of~~ including the gradient coil section 106, RF coil section 108, gradient driving section 130, RF driving section 140 and data collecting section 150 is an embodiment of the signal acquiring means of the present invention.

At page 10, line 27 to page 11, line 2:

As shown, the magnet system 100 has a pair of horizontal yokes 202 and a pair of vertical yokes 204. The horizontal yokes 202 have a generally plate-like outer shape. Figure 4 shows their thickness. The vertical yokes 204 have a generally columnar outer shape. Figure 4 shows their thickness. A portion ~~consisting of~~ including the pair of horizontal yokes 202 and the pair of vertical yokes 204 is an embodiment of the yokes of the present invention.

At page 11, lines 15-19:

The magnets 122 are permanent magnets, for example. The magnets 122 constitute an embodiment of the magnets of the present invention. A portion ~~consisting of~~ including the pair of horizontal yokes 202, pair of vertical yokes, and pair of magnets 122 is an embodiment of the magnetic field generating means of the present invention.

At page 12, lines 17-23:

The circular loop coils 104 are disposed symmetrically with respect to a center of the static magnetic field space, i.e., the magnet center C. The circular loop coils 104 carry electric current in the same polarity supplied by the electric current supply section 110. The value of the electric current is adjusted to cancel a quadratic term component of the static magnetic field. A portion ~~consisting of~~ including the circular loop coils 104 and electric current supply section 110 is an embodiment of the correcting means of the present invention.

At page 13, lines 4-13:

The direction of the electric current through the solenoid coils 114 is ~~determine~~ determined so that the magnetic field has a polarity opposite to the magnetic field generated by the circular loop coils 104. Moreover, the electric current value is determined so that a zero-th order term component of the magnetic field resulting from the magnetomotive force by the solenoid coils 114 equals a zero-th order term component of the magnetic field by the circular loop coils 104. Thus, the effect of the zero-th order term component of the magnetic field from the circular loop coils 104 on the static magnetic field is eliminated. A portion ~~consisting of~~ including the solenoid coils 114 and electric current supply section 120 is an embodiment of the compensating means of the present invention.